UTILITY PATENT	Attorney Docket No.	030872	Total Pages	o <b>=</b>			
APPLICATION TRANSMITTAL  (Only for new nonprovisional applications	First Named Inventor or Application Identifier						
under 37 CFR 1.53(b))	Keiji SUMIYA, Hiroyuki ISHIBASHI and Nachimuthu SENGUTTUVAN						
Check Box, if applicable [ ] Duplicate	Express Mail Label No.						
APPLICATION ELEMENTS FOR: SINGLE CRYSTALS OF SILICATES OF RARE EARTH ELEMENTS	N	Commissioner for MAIL STOP BOX Alexandria, VA.	X PATENT APPL	ICATIONS			
[XX] Fee Transmittal Form (Incorporated within this form)     (Submit an original and a duplicate for fee processing)							
2. [XX] Specification Total Pages [29]							
3. [] Drawing(s) (35 USC 113) Total Sheets []							
4. [XX] Oath or Declaration Total Pages [3]							
a. [XX] Newly executed (original)							
b. [ ] Copy from prior application (37 CFR 1.63(d)  (for continuation/divisional with Box 17 completed).							
i. [ ] Deletion of Inventor(s)  Signed statement attached deleting inventor(s) named in prior application,  see 37 CFR 1.63(d)(2) and 1.33(b).							
5. [ ] Incorporation by reference (useable if box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.							
6. [ ] Microfiche Computer Program (Appendix)							
7. [ ] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)							
a. [ ] Computer Readable Copy b. [ ] Paper Copy (identical to computer copy) c. [ ] Statement Verifying identity of above copies							
ACCOMPANYING APPLICATION PARTS							
8. [XX] Assignment Papers (cover sheet and document(s)) to: <u>Hitachi Chemical Co., Ltd., Tokyo, Japan</u> Please publish the assignee data with the application.							
9. [ ] 37 CFR 3.73(b) Statement (when there is an assignee) [XX] Power of Attorney							

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 030872

First Named Inventor or Application Identifier

Keiji SUMIYA, Hiroyuki ISHIBASHI and Nachimuthu SENGUTTUVAN

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10. [ ] English translation Document (if application)	able)					
11. [XX] Information Disclosure Statement	[XX] Copies of II	OS Citations (PTO-1449	& 2 Ref.)			
12. [XX] Preliminary Amendment						
13. [XX] Return Receipt Postcard (MPEP 503)						
14. [ ] Small Entity Status is claimed.				Ú		
15. [XX] Claim for Convention Priority	[3] Certified copies	of Priority Document ar	e enclosed.			
<ul> <li>a. Priority of <u>Japanese</u> Application No. <u>2002-221536</u> filed on <u>July 30, 2002</u> is claimed under 35 USC 119.</li> <li>b. Priority of <u>Japanese</u> Application No. <u>2002-221537</u> filed on <u>July 30, 2002</u> is claimed under 35 USC 119.</li> <li>c. Priority of <u>Japanese</u> Application No. <u>2002-221538</u> filed on <u>July 30, 2002</u> is claimed under 35 USC 119.</li> </ul>						
16. [ ] Other						
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:						
[ ] Continuation [ ] Division [ ] Continuation-in-part (CIP) of prior application no/						
FEE TRANSMITTAL	Number Filed	Number Extra	Rate	Basic		
The filing fee is calculated below				Fee \$750.00		
Total Claims	12 - 20		x \$18.00			
Independent Claims	1 - 3		x \$84.00			
Multiple Dependent Claims \$280.00						
Basic Filing Fee						
Reduction by 1/2 for small entity						
Fee for recording enclosed Assignment \$40.00						
TOTAL				\$1070.00		

## UTILITY PATENT - APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

030872

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Keiji SUMIYA, Hiroyuki ISHIBASHI and Nachimuthu SENGUTTUVAN

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[XX] A check in the amount of \$1070.00 is enclosed to cover	er the filing fee of \$750.00: \$280.00 for multiple dependent
claims and the assignment recordation fee of \$40.00.	

[ ] Please charge our Deposit Account No. 01-2340 in the total amount of \_\_\_\_\_\_ to cover the filing fee and the \_\_\_\_\_ assignment recordation fee. A duplicate of this sheet is attached.

[XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **01-2340**. A duplicate of this sheet is attached.

## 18. CORRESPONDENCE ADDRESS:



23850

PATENT TRADEMARK OFFICE

SUBMITTED BY

Typed or Printed Name , Stephen G. Adrian

Reg. No. 32,878

Signature

Date: July 18, 2003

ARMSTRONG, WESTERMAN & HATTORI, LLP Suite 1000,1725 K Street, N.W. Washington, D. C. 20006 Tel: (202) 659-2930 Fax: (202) 887-0357